| Inde | ex of Cl | aims |
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|      |          |      |

10/708,389 Examiner

Applicant(s)/Patent under Reexamination

BODDY ET AL.

Art Unit

EUNCHA P. CHERRY

2872

√ Rejected
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Cancelled

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A Appeal

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| CI          | aim      | m Date   |          |               |          |              |              |               | Cla      | Claim    |               |               |          | Date           |          |               |   |            | [         | CI            | aim           | Date |        |          |               |         |         |   |         |               |  |           |
|-------------|----------|----------|----------|---------------|----------|--------------|--------------|---------------|----------|----------|---------------|---------------|----------|----------------|----------|---------------|---|------------|-----------|---------------|---------------|------|--------|----------|---------------|---------|---------|---|---------|---------------|--|-----------|
|             |          | Π        | <u> </u> |               |          | Г            | Т            | Π             |          | Г        |               |               |          |                | $\top$   | T             | Т   | Т          |           | П             |               |      |        |          |               | T       | Т       | Т   | Т       |               | T  | П         |
| ল           | Original | 5/2/05   | 10/17/05 | 3/20/06       |          |              | ١.           |               |          |          |               | ल             | Original |                | - [      |               | İ   |            |           | 1 1           | - [::         |      | व      | Original |               |         |         | 1   | 1       |               |  |           |
| Final       | <u> </u> | 8        | 117      | 20/           |          |              |              |               |          |          |               | Final         | igi      |                |          |               |   |            | 1         | il            | - [           |      | Final  | į        |               |         |         |   |         |               |  | 1         |
| "           | ŏ        | S        | 9        | 3/            |          |              | ļ            | i             |          |          |               | ш             | ŏ        |                |          | - 1           |   | 1          |           | 1             | -             |      | ш.     | ŏ        |               |         |         |   |         |               | 1  |           |
| <u> </u>    |          |          |          |               | ļ        | -            | <u> </u>     | ـ             | 1        |          |               |               |          |                | -        | 4             | - -   | -          | ┿         | $\vdash$      |               |      |        |          | -             | +       | $\bot$  | 4   | +       | +             | ╀  | Н         |
| 1           | 1        | √.       | √.       | =             | _        | _            | ╄            | ╙             | ╙        |          |               |               | 51       |                | _        | _             | - -   |            | 4         | $\perp$       | -40           |      |        | 101      |               |         |         | 4   | 4       | $\bot$        | ╨  | Ш         |
| 2           | 2        | √        | <b>√</b> | =             |          |              | ╙            | ┖             |          |          |               |               | 52       | $\Box$         |          | _ _           |   |            | <u> </u>  |               | _ ::          |      |        | 102      |               |         | ┸       | Д.  |         |               | Щ.   | Ш         |
| 3           | 3        | √        | 1        | =             |          |              |              |               |          |          |               |               | 53       |                |          |               |   |            |           |               | :             |      |        | 103      |               |         |         |   |         | _l            |  | Ш         |
| 4           | 4        | √        | 1        | =             |          |              |              |               |          |          |               |               | 54       |                |          |               | - [   |            |           |               |               |      |        | 104      | 1             |         |         |   |         |               |  |           |
| 5           | 5        | 1        | 4        | =             |          | Π            |              |               | П        |          |               |               | 55       |                |          |               |   |            |           |               | <b>-</b> 1    |      |        | 105      |               |         | T       | Т   | Т       |               |  | П         |
| 6           | 6        | 1        | 7        | Ξ             | Г        | Π            | Π            | ١.            |          |          |               |               | 56       |                |          | T             |   | T          | 1         |               |               |      |        | 106      |               |         |         | T   | T       | T             | 1  |           |
| 7           | 7        | 1        | 4        | =             |          |              | Г            | Π             | 1        |          |               |               | 57       |                |          | T             |   | $\top$     | 1         |               |               |      |        | 107      |               |         | 1       |   | $\top$  |               | 1  | П         |
| 8           | 8        | 1        | 4        | =             |          |              | Τ            |               |          |          |               |               | 58       |                |          | 寸             |   | 1          |           |               | 7             |      |        | 108      |               | •       | 十       | $\top$  | ╈       | 十             | +  |           |
| 9           | 9        | <b>√</b> | √        | =             | $\vdash$ | $\top$       | T            |               | T        |          |               |               | 59       |                | 1        | 1             | +   | +-         | 1         |               | <b>-</b>      |      |        | 109      | _             | $\top$  | _       | +   | +-      | +-            | +-   | $\vdash$  |
| 10          | 10       | V        | 1        | =             | 1        | T            | T            |               | i i      |          |               |               | 60       |                |          | _             |   | +          | $\dagger$ |               | -1:           | ii b |        | 110      |               | - -     | +       | ╅   | 十       | +             | <del>                                     </del> | Н         |
| 11          | 11       | 1        | 1        | =             | $\vdash$ | t            |              |               |          |          |               |               | 61       |                | -        | $\dashv$      | +   | +          | +         | $\vdash$      | -11           | ii b |        | 111      | $\dashv$      | +       | +       | +   | +       | +             | +  | $\vdash$  |
| 12          | 12       | V        | 1        | =             | $\vdash$ |              | 1            |               |          | _        |               |               | 62       | -              | +        | +             | +   | +          | +         | $\vdash$      |               | ⊪    |        | 112      | -             | +       | +       | +   | +       | +             | +  | H         |
| 13          | 13       | 1        | 1        | =             | $\vdash$ | -            | $\vdash$     | +             |          | —        |               |               | 63       |                | +        |               | +   |            | +         |               | -1:           | ⊪    |        | 113      | <del> -</del> |         | +       | +   | +       | -             | +  | Н         |
| 14          | 14       | 1        | 7        |               |          |              | <u> </u>     | ┝             | $\vdash$ |          |               |               | 64       |                | -        | -             | +   | +          | +         | $\vdash$      | $\dashv$      | H    |        | 113      |               | +       | -       | +   | +       | -             | +-   | $\vdash$  |
|             |          |          | √.       |               |          | 1            | -            | ┝             | -        | <u> </u> |               |               |          | $\vdash$       | $\dashv$ | +             | +   | +          | +         | $\vdash$      |               | ŀ    |        | 114      | +             | +       | +       | +   | +       | +             | +-   |           |
| 15          | 15       | <b>√</b> |          | =             | _        | $\vdash$     | -            | ├             | 1—1      |          |               |               | 65       | $\perp$        | +        | +             | +   | +          | +         |               |               | ⊪    |        | 115      | _             | +       | _       | +   | +       | _             | ₩  |           |
| 16          | 16       | 1        | 1        | =             |          | <u> </u>     | <del> </del> | ├             | -        |          |               |               | 66       | $\rightarrow$  | -        | +             | -   | +          | +         | $\vdash$      |               | -    |        | 116      | _             | +       | _       | +   | +       | +             | ₩  |           |
| 17          | 17       |          |          | =             |          | _            | <u> </u>     | <u> </u>      | Н        |          |               |               | 67       |                | _        | -             |   | $\bot$     | _         | $\sqcup$      |               |      |        | 117      | _             | $\bot$  | ╧       | 4   | +       | ┷             | $\bot$   | Щ         |
| 18          | 18       | _        | _        | = '           |          | <u> </u>     | L            | L             | $\perp$  |          |               |               | 68       |                | _        | _             |   | _          |           | Ш             | 4             |      |        | 118      |               | $\perp$ | $\perp$ | $\perp$   | $\bot$  | _             | $oldsymbol{\perp}$                               |           |
| 19          | 19       |          | _        | =             |          |              | <u> </u>     |               | Ш        |          |               |               | 69       |                |          | _             |   | ┸          | <u>i</u>  |               | _             |      |        | 119      |               |         |         | $\perp$   | $\perp$ |               | $\perp$  | Ш         |
| -2          | 20       |          |          | =             |          |              |              |               | Ш        |          |               |               | 70       |                |          |               |   | ┸          |           |               |               |      |        | 120      |               | $\perp$ |         | $\perp$   | 丄       |               |  | Ш         |
| 21          | 21       |          |          | =             |          |              |              |               |          |          |               |               | 71       | <u>.  </u>     |          |               |   |            |           |               |               |      |        | 121      |               |         |         |   |         |               |  |           |
| 22          | 22       |          |          | =             |          |              |              |               |          |          |               |               | 72       |                |          |               | I   |            |           |               | 7!!           |      |        | 122      |               |         |         | Т   | T       | Т             | T  | П         |
| 23          | 23       |          |          | =             |          |              |              |               |          |          |               |               | 73       |                |          | Т             | П   | Т          | Τ-        |               | 7             | ijΓ  |        | 123      |               |         | Т       |   | Т       | T             | Т  | П         |
| 24          | 24       |          |          | =             |          |              |              |               |          |          |               |               | 74       |                |          | T             | T   |            |           |               | 78            |      |        | 124      |               |         | T       | 1   | T       |               | 1  | П         |
| 25          | 25       |          |          | =             |          |              |              |               |          |          |               |               | 75       |                |          | T             | Ť   |            | $\top$    |               | 7             | ı    |        | 125      | $\neg$        | 1       | 1       | ┪   | $\top$  | 1             | $\top$   | П         |
| 26          | 26       |          | $\Box$   | =             |          |              | ┰            | $\overline{}$ |          |          |               |               | 76       |                |          | T             |   | ╈          | 1         |               |               | ı    |        | 126      | 1             | _       | ╅       | +   | $\top$  | +             | T  | $\Box$    |
| 27          | 27       |          | $\neg$   | =             | _        | _            | ┢            |               |          |          |               |               | 77       | <u> </u>       |          | $\top$        |   | ┰          | +         | $\vdash$      | 1             | ŀ    | $\neg$ | 127      | 1             | +       | +       | +   | +       | +             | +  | $\vdash$  |
| 28          | 28       |          | $\neg$   | =             | _        | <del> </del> | ┢            |               | H        |          |               |               | 78       |                |          | +             |   | +          | +         |               | $\dashv$      | ŀ    |        | 128      | -             | -       | +-      | +-  | ╁       | +             | +  | $\vdash$  |
| 29          | 29       |          | $\dashv$ | =             |          | -            | ╁            |               | $\vdash$ |          |               |               | 79       | <del>- l</del> | $\dashv$ | +             | +-  | ╁          | +         |               |               | ŀ    |        | 129      | -             | +-      | +       | ╅╴  | ╁       | +             | +  | $\vdash$  |
|             | 30       |          | $\dashv$ | $\overline{}$ |          |              |              | -             | ╁╼┤      | -        |               | $\rightarrow$ | 80       | $\dashv$       | +        | +             | +   | +          |           |               |               | ⊪    |        | 130      | -             | ┰       | ╅       | ┿   | ╁       | +-            | +-   | $\vdash$  |
|             | 31       |          | -        | $\dashv$      |          |              | ┢            |               | ╁╼┪      |          |               |               | 81       | $\dashv$       | +        | +             | +   | +          | +         |               |               | ŀ    | -      | 131      |               | +       | +       | +   | ╁       | <del>- </del> | ┼-   | $\vdash$  |
|             | 32       |          |          | $\dashv$      |          |              | ⊢            |               | ╌┤       | _        |               |               |          | +              | +        | +             |   | ╁          | +         | -             |               | ╟    |        |          | -             | - -     | +       | +   | ┿       |               | $\vdash$   | $\vdash$  |
| <del></del> | 33       |          |          | -             |          |              | ┝            |               | ╂╼┥      | -        |               |               | 82       | +              | +        | +             | $\dashv$  | +-         |           |               |               | ⊪    |        | 132      |               | +       | ┿       | ┥   | ╀       | +             | ₩  | $\vdash$  |
| -           |          |          |          | $\dashv$      |          | -            | -            | -             | $\vdash$ | _        |               |               | 83       |                | +        |               | +   | +          | +         | $\vdash$      |               | ŀ    |        | 133      | +             | +       | +       | +   | +       | +             | ┼  | $\vdash$  |
| <b>—</b>    | 34       | -        | _        | $\dashv$      |          | $\vdash$     |              | <del> </del>  |          | _        |               |               | 84       | $\dashv$       |          | +             |   |            | +         | -             |               | ŀ    |        | 134      | $\perp$       | +       | +       | +   | +       | +             |  | $\vdash$  |
| $\vdash$    | 35       | $\dashv$ | _        | _             |          | $\vdash$     |              | <u> </u>      | ┼╌┤      | _        |               |               | 85       | _              | +        | _             | - -   | -          | 4         | $\vdash$      | 4             | L    |        | 135      | $\perp$       | +       | +       | +   | $\bot$  | _             | ₩  | $\square$ |
| $\vdash$    | 36       |          |          |               |          | _            |              | <u> </u>      |          | _        |               |               | 86       | $\dashv$       | _        | 4             | 4   | 4          | -         |               | _ ::          | L    |        | 136      | $\perp$       | $\perp$ | 4       | 4_  | 1       |               | 1  | Ш         |
|             | 37       |          |          |               |          | _            | _            | <u> </u>      | Ш        |          |               |               | 87       |                |          |               | $\perp$   | _          | <u> </u>  |               | _             | L    |        | 137      |               | $\perp$ |         | _ _   | _       |               | <u> </u>   | Ш         |
| $\square$   | 38       |          |          |               |          |              |              | _             | Ш        |          |               |               | 88       |                | $\perp$  | _             | $\perp$   | $\perp$    | _         |               | _             | iiL  |        | 138      | $\perp$       |         |         | 1_  | $\perp$ |               | $oxed{oxed}$                                     | Ш         |
| $\square$   | 39       |          | _        |               |          |              |              |               | Ш        |          |               |               | 89       | $\perp$        | $\perp$  | $\perp$       | $\perp$   |            |           |               |               | ii L |        | 139      | $\bot$        |         |         |   | $\perp$ |               | $\perp$  |           |
|             | 40       |          |          |               |          |              | _            |               | Ш        |          | I             |               | 90       |                |          | $\perp$       | $\perp$   | <u> </u> . |           |               | _]::          | :::[ |        | 140      |               |         |         | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$ |               | L  |           |
|             | 41       | I        | [        |               |          |              |              |               |          |          | [             |               | 91       | $\Box$         | $\prod$  | $\Box$        | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$    |           | $\Box I$      |               | :::[ |        | 141      | T             |         |         |   |         |               |  |           |
|             | 42       | ]        | [        | T             |          |              |              | oxdot         |          | ]        | [             |               | 92       | T              |          | T             |   |            |           |               |               | Γ    |        | 142      |               |         | Т       | Τ   | Τ       |               |  | П         |
|             | 43       |          |          | $\neg$        |          |              |              |               | П        |          |               |               | 93       |                |          |               |   |            |           |               |               | ľ    |        | 143      |               | _       | 1       | 1   | $\top$  | T             | $\top$   | П         |
|             | 44       |          | 一        |               |          |              | Γ            |               | П        |          |               |               | 94       | $\neg$         | $\top$   | 1             | $\top$  | 1          |           |               | 7             |      | T      | 144      | $\dashv$      | 1       | T       | T   | 1       | 1.            | T  | П         |
|             | 45       | $\neg$   | $\neg$   | $\neg$        |          |              | Г            |               | П        |          |               |               | 95       | 7              | 7        | $\top$        | T   | 1          |           | <u> </u>      | 7             |      | $\neg$ | 145      | $\neg$        | $\top$  | $\top$  | $\top$  | $\top$  | $\top$        | $\top$   | П         |
|             | 46       | 寸        |          | $\neg$        | _        |              |              |               | П        |          |               |               | 96       | _              | $\top$   | $\neg \vdash$ | $\top$  | $\top$     |           | $\Box$        | <b>-</b>  ::: |      |        | 146.     | +             | Ť       | †       | †   | 1       | 1             | 1  | П         |
| · 1         | 47       | -        | .        | 寸             |          |              |              |               | $\Box$   | $\neg$   |               | 1             | 97       |                | 1        | $\top$        | $\top$  | $\top$     | $\top$    | $\neg \vdash$ | <b>-</b>  ::: | ŀ    | $\neg$ | 147      | _             | $\top$  | +       | +   | +       | +             | $\top$   | $\vdash$  |
| · -         | 48       | $\dashv$ | 寸        | $\dashv$      | _        |              |              | <u> </u>      | H        | $\neg$   | :::: <b>!</b> | -+            | 98       | $\dashv$       | $\dashv$ | +             | 1   | $\top$     | 1         | $\dashv$      | $\dashv$      | ŀ    |        | 148      | _             | +       | +       | +   | +       | +             | +  | H         |
|             | 49       | $\dashv$ | ㅜ        | $\dashv$      | _        | Н            |              |               | H        | $\dashv$ |               |               | 99       | $\dashv$       | +        | +             | +   | +          | +         | -             | $\dashv$      | H    |        | 149      | +             | +       | ╁       | ╁   | +       | +             | +-   | $\vdash$  |
| $\vdash$    | 50       | ┥        | -        | $\dashv$      | -        | $\vdash$     | -            | Н             | $\vdash$ | $\dashv$ | <b>}</b>      |               | 100      | -+             | $\dashv$ | +             | +-  | ╁          | +         | -+            |               | ŀ    |        | 150      |               | ╁       | +       | +-  | +-      | +-            | +-   | $\vdash$  |
|             | JU ]     | _        | _        |               |          |              | L            | ட             | ட        |          | :::::[        |               | 100      |                |          |               |   | .1_        | .1        |               | :::           | ۱    |        | 100      | L_            |         |         |   | 丄       |               |  |           |